

## Electrical connector assembly

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### Abstract of **CN 2612094 (Y)**

The utility model discloses an electric connector for electrically connecting a chip module and a circuit board, comprising an insulation body, a plurality of conductive terminals contained in the insulation body, a cover mounted on the insulation body, and a flexible element mounted between the insulation body and the cover, wherein the insulation body is provided with a joint face towards the cover and a butt face towards the circuit board, the joint face is provide with a groove near four corners, the groove is extended from the opening of the joint face into the insulation body without outside the butt face of the insulation body, the flexible element is mounted in the groove and contacted with the cover, the cover is provided with a lower surface combined with the insulation body and an upper surface combined with the chip module, the conductive terminals are between the butt face of the insulation body and the lower surface of the cover, when the chip module is combined with the electric connector, external pressure presses the flexible element to lift down the cover, to extrude the conductive terminals outside the upper surface of the cover to contact the chip module to form electric conductivity, thereby avoiding the conductive terminals being damaged by external force.

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